

HT99-009

CERTIFICATE OF MAILING

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Signature George O. Saile
George O. Saile, Reg No. 19,572

Date: June 27, 2001

It is requested that should there be any problems with this Amendment to correct the Title, please call the undersigned Attorney at (845) 452-5863.

Respectfully submitted,

George O. Saile
George O. Saile, Reg. No. 19,572

VERSION WITH MARKINGS TO SHOW THE CHANGES MADE

PLEASE AMEND THE TITLE AS FOLLOWS:

GIANT MAGNETORESISTIVE (GMR) SENSOR ELEMENT WITH ENHANCED
MAGNETORESISTIVE (MR) [COEFICIENT] COEFFICIENT

PLEASE AMEND THE CLAIMS AS FOLLOWS:

Please cancel claim 2.

Please cancel claim 14.

Please amend claim 1 as follows:

Claim 1. (AMENDED) A method for forming a giant magnetoresistive (GMR) sensor element with an enhanced magnetoresistive coefficient comprising:

providing a substrate;

forming over the substrate a double-layer seed layer, [the seed layer being formed of a] said double layer comprising a first material layer selected from the group of magnetoresistive (MR) resistivity sensitivity enhancing material [selected from the group] consisting of nickel-chromium alloys and nickel-iron-chromium alloys and said double-layer seed layer further comprising a second material layer, said material layer being a thin, non-magnetic dielectric nickel oxide material layer that additionally enhances magnetoresistive (MR) resistivity sensitivity;